

CLAIMS

1. An electrical contact made of an Ag alloy containing Sn and In by an amount of weight 1 to 9% respectively and comprising a first layer as a surface layer and a second layer as an internal portion,

5 wherein the hardness of the first layer and the hardness of the second layer are equal to or more than 190 and equal to or less than 130, respectively, in terms of micro Vickers standard defined by JIS, and

wherein the thickness of the first layer is within the range from 10 to 360 μm .

10 2. An electrical contact according to claim 1, wherein the Ag alloy comprises, in addition to Sn and In, at least one kind of element selected from the group consisting of Sb, Ca, Bi, Ni, Co, Zn, and Pb.

3. An electrical contact according to claim 1 or 2, wherein the first layer and the second layer have the same chemical composition.

15 4. An electrical contact according to any one of claims 1 to 3, wherein the amount of Sn in the first layer is equal to or larger than the amount of Sn in the second layer.

5. An electrical contact according to any one of claims 1 to 4, wherein the thickness of the first layer is within a range of 30 to 120 μm .

20 6. An electrical contact according to any one of claims 1 to 5, wherein the hardness of the first layer is equal to or more than 240 in terms of said standard.

7. A breaker using the electrical contact according to any one of claims 1 to 6.